ABSTRACT OF THE DISCLOSURE

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2 The present invention is directed to an improved anesthesia manifold and an improved

3 induction valve mechanism. A plurality of induction valve elements may be joined or

4 "ganged" together in order to define a manifold. In the preferred embodiment of the

5 induction manifold, at least two individual valve elements are combined to form the

6 manifold. Each of the plurality of valve elements includes the following components:

7 (1) a valve body; (2) a first inlet port carried by the valve body and defining at least in

8 part a central fluid communication flow path for supplying intravenous fluid to patient;

9 and (3) a second inlet port carried said valve body and at least in part defining an

10 anesthesia drug inlet. Each of the plurality of valve components: (1) an induction valve

11 mechanism which maintains said second inlet port in a closed condition until a

12 predetermined amount of pressure is applied thereto; (2) a back flow valve mechanism

13 which maintains said induction valve components in open condition to permit at least

14 one of the following operations: (a) aspiration; (b) back flow; (c) purging; and (d)

15 sampling.

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17 Additionally, a control mechanism is provided for each of the plurality of individual

18 valve components to actuate said induction valve mechanism and said backflow valve

19 mechanism.